

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080724\
 Data File : BM047070.D
 Acq On : 08 Aug 2024 00:49
 Operator : RC/JU
 Sample : SSTD0.181
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1001

Quant Time: Aug 08 05:40:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 05:39:24 2024
 Response via : Initial Calibration

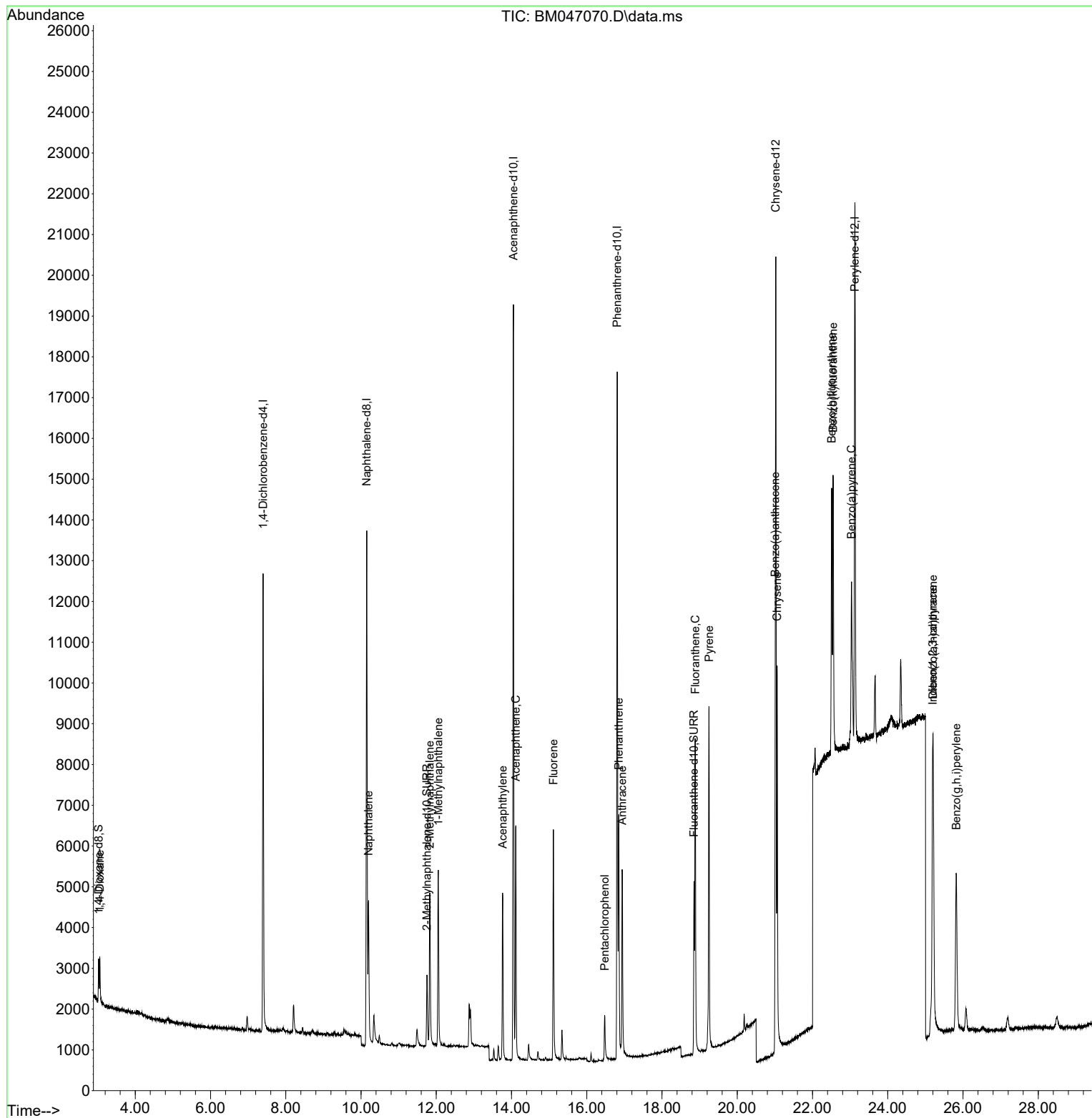
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.397	152	5971	0.400	ng/ul	0.00
4) Naphthalene-d8	10.151	136	18025	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.050	164	10569	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.809	188	20997	0.400	ng/ul	0.00
17) Chrysene-d12	21.024	240	16619	0.400	ng/ul	0.00
23) Perylene-d12	23.125	264	16491	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.026	96	675	0.161	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.751	152	2747	0.096	ng/ul	0.00
18) Fluoranthene-d10	18.850	212	4851	0.090	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.055	88	822	0.172	ng/ul#	80
5) Naphthalene	10.201	128	4866	0.107	ng/ul#	95
7) 2-Methylnaphthalene	11.828	142	3120	0.099	ng/ul	100
8) 1-Methylnaphthalene	12.054	142	3298	0.102	ng/ul	98
10) Acenaphthylene	13.763	152	5050	0.104	ng/ul	97
11) Acenaphthene	14.114	153	3419	0.104	ng/ul	99
12) Fluorene	15.114	166	3929	0.096	ng/ul	98
14) Pentachlorophenol	16.475	266	999	0.105	ng/ul	96
15) Phenanthrene	16.851	178	6384	0.106	ng/ul	97
16) Anthracene	16.940	178	5442	0.097	ng/ul	94
19) Fluoranthene	18.882	202	7370	0.101	ng/ul#	96
20) Pyrene	19.249	202	7686	0.102	ng/ul	99
21) Benzo(a)anthracene	21.009	228	7083	0.102	ng/ul	99
22) Chrysene	21.059	228	8132	0.116	ng/ul	98
24) Benzo(b)fluoranthene	22.508	252	7724	0.107	ng/ul	76
25) Benzo(k)fluoranthene	22.549	252	8243	0.113	ng/ul#	67
26) Benzo(a)pyrene	23.035	252	5601	0.108	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.193	276	9337	0.117	ng/ul	93
28) Dibenzo(a,h)anthracene	25.206	278	7297	0.125	ng/ul#	83
29) Benzo(g,h,i)perylene	25.823	276	7807	0.111	ng/ul#	92

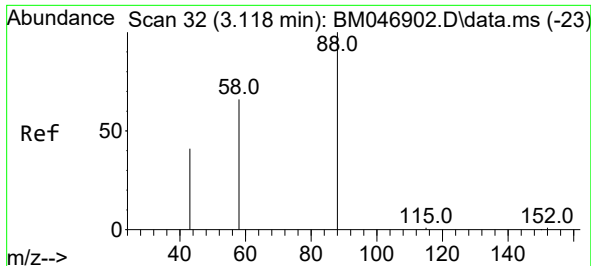
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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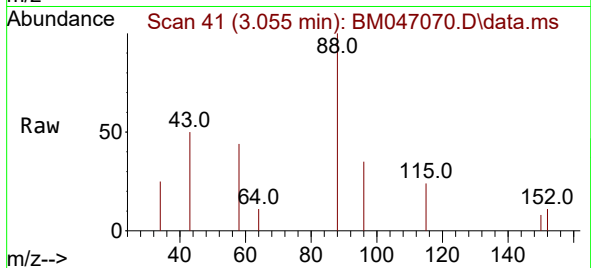
Quant Time: Aug 08 05:40:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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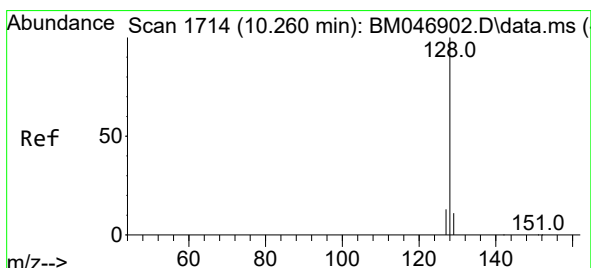
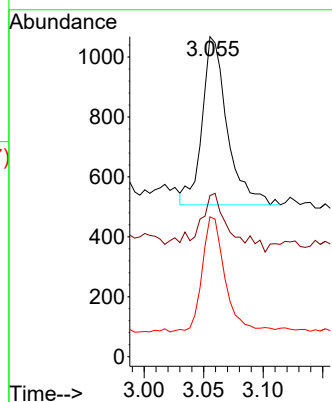
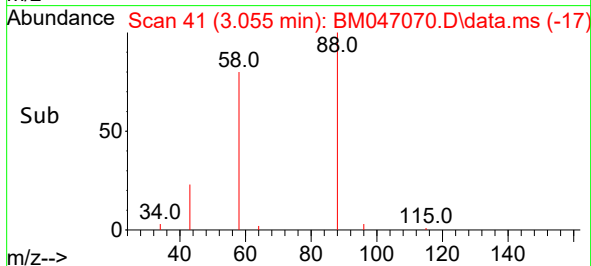


#2
1,4-Dioxane
Concen: 0.172 ng/ul
RT: 3.055 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

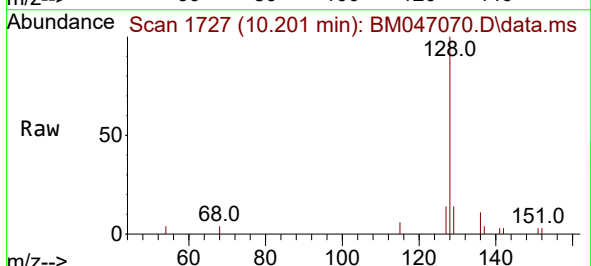
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001



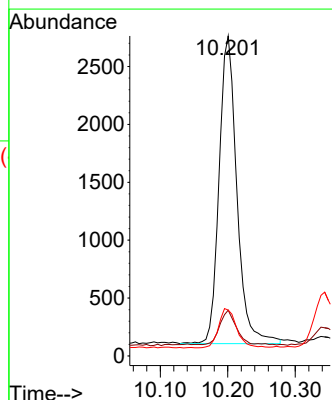
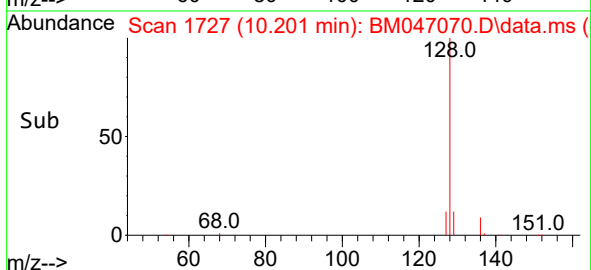
Tgt Ion: 88 Resp: 822
Ion Ratio Lower Upper
88 100
43 50.4 32.0 48.0#
58 43.7 48.1 72.1#

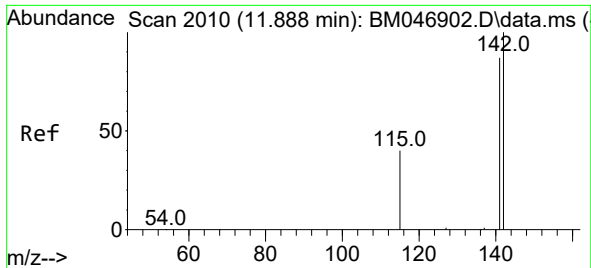


#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.201 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49



Tgt Ion: 128 Resp: 4866
Ion Ratio Lower Upper
128 100
129 14.3 8.9 13.3#
127 14.4 10.6 15.8

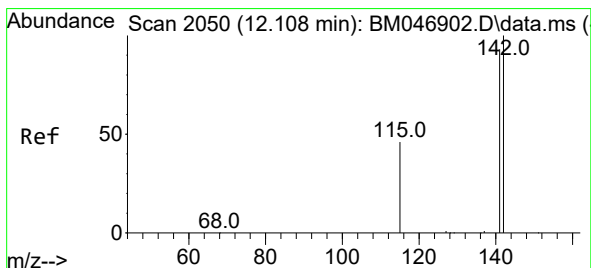
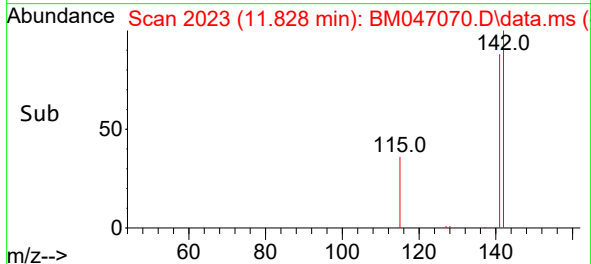
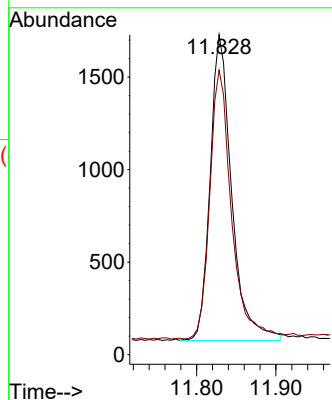
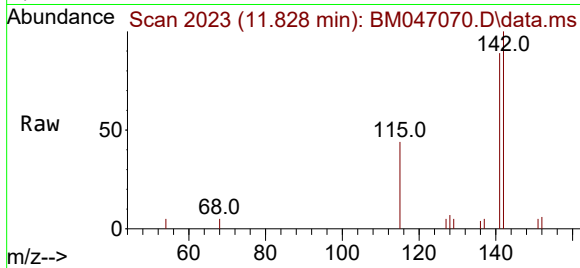




#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 11.828 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

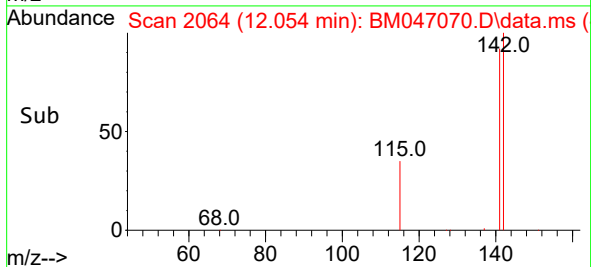
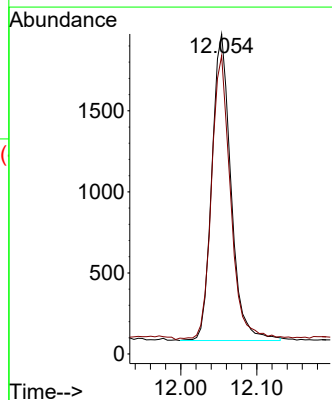
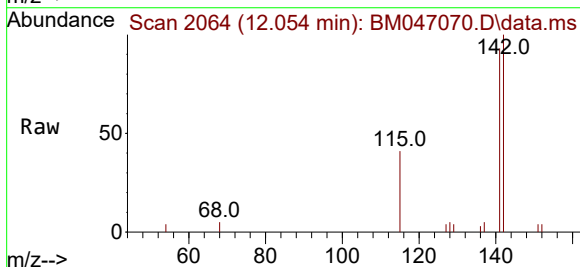
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

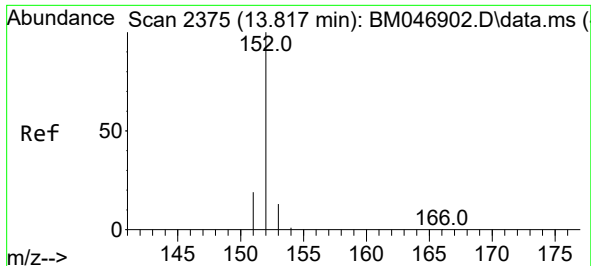
Tgt Ion:142 Resp: 3120
Ion Ratio Lower Upper
142 100
141 87.5 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.054 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

Tgt Ion:142 Resp: 3298
Ion Ratio Lower Upper
142 100
141 92.5 72.6 109.0

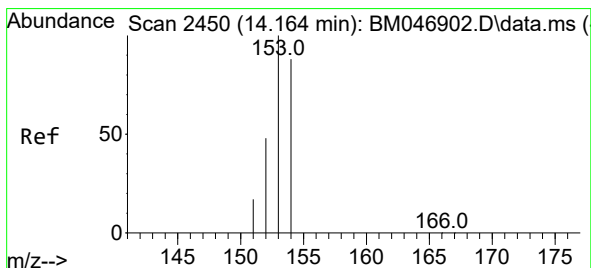
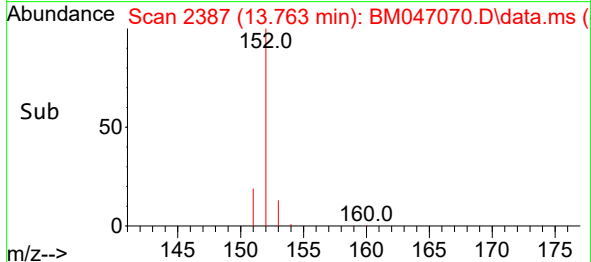
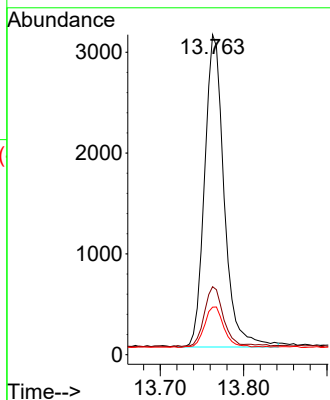
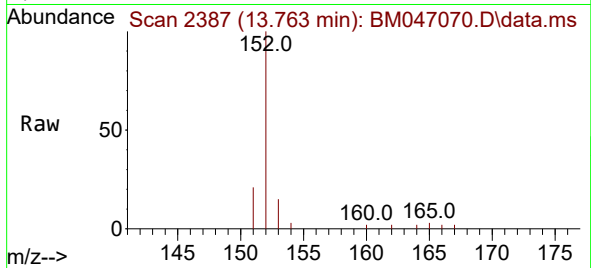




#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 13.763 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

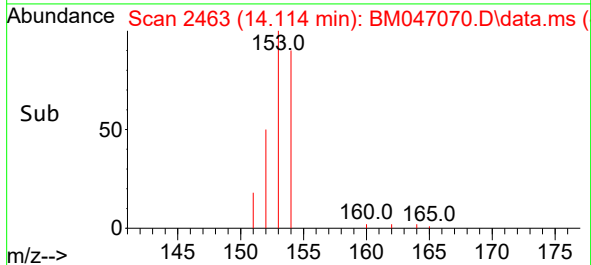
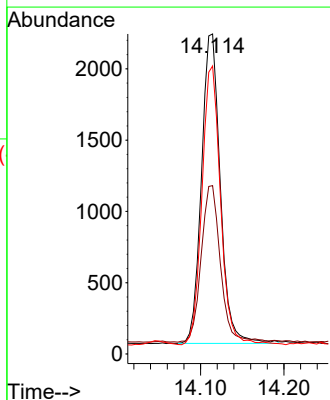
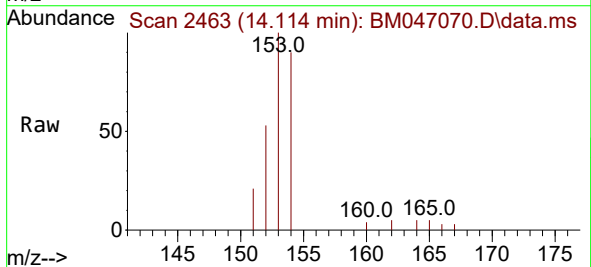
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

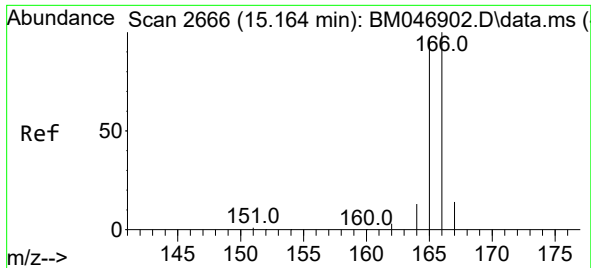
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.6
153	14.8	10.8	16.2



#11
Acenaphthene
Concen: 0.104 ng/ul
RT: 14.114 min Scan# 2463
Delta R.T. 0.005 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.6	41.6	62.4
154	90.0	71.1	106.7

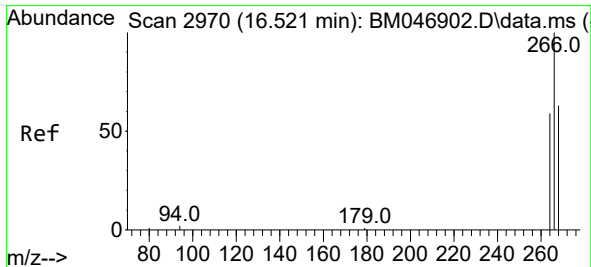
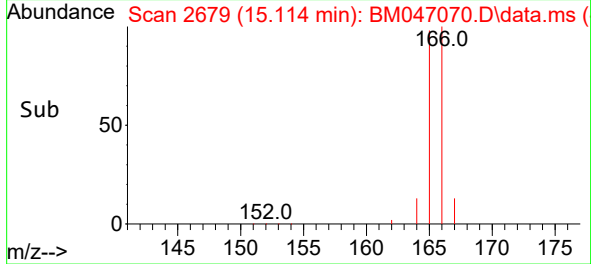
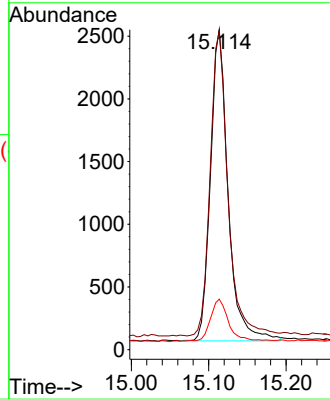
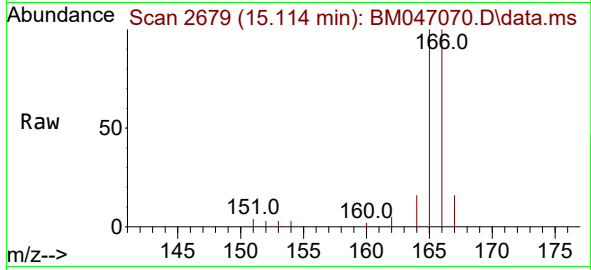




#12
 Fluorene
 Concen: 0.096 ng/ul
 RT: 15.114 min Scan# 20
 Delta R.T. 0.005 min
 Lab File: BM047070.D
 Acq: 08 Aug 2024 00:49

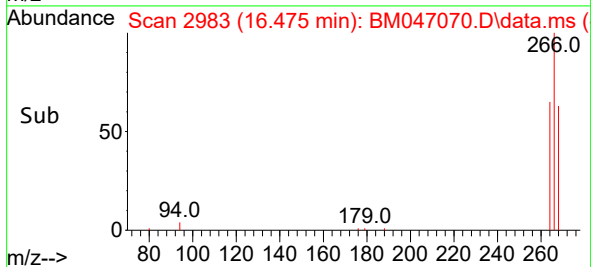
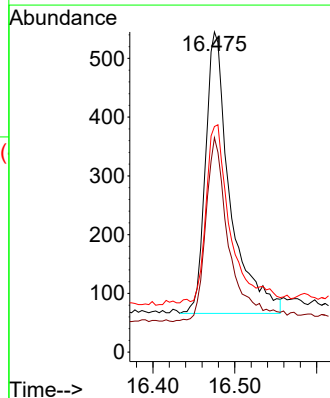
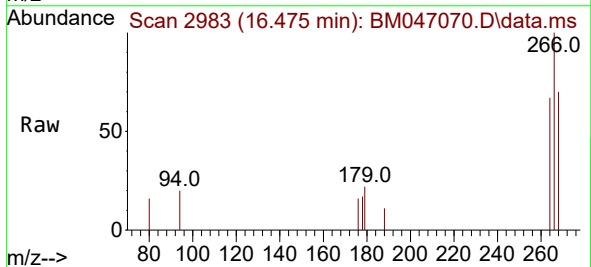
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1001

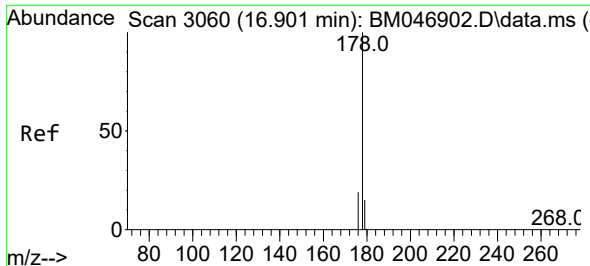
Tgt Ion:166	Resp:	3929
Ion Ratio	Lower	Upper
166	100	
165	99.7	78.2 117.2
167	15.8	10.7 16.1



#14
 Pentachlorophenol
 Concen: 0.105 ng/ul
 RT: 16.475 min Scan# 2983
 Delta R.T. 0.004 min
 Lab File: BM047070.D
 Acq: 08 Aug 2024 00:49

Tgt Ion:266	Resp:	999
Ion Ratio	Lower	Upper
266	100	
264	62.8	47.2 70.8
268	62.1	48.2 72.4

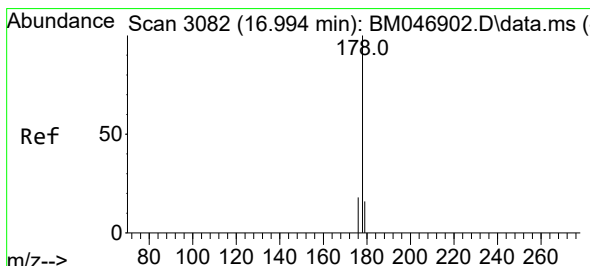
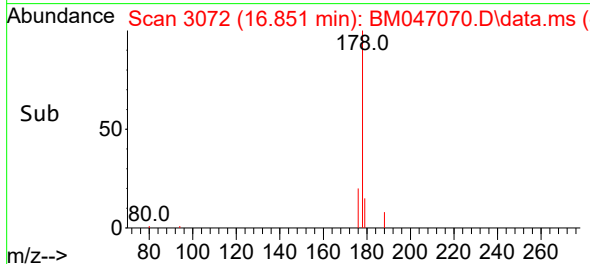
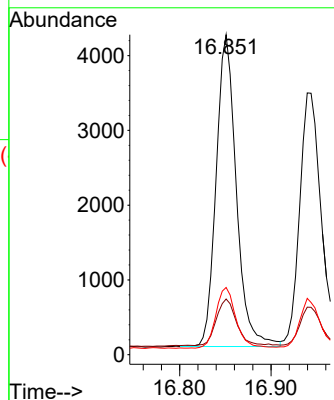
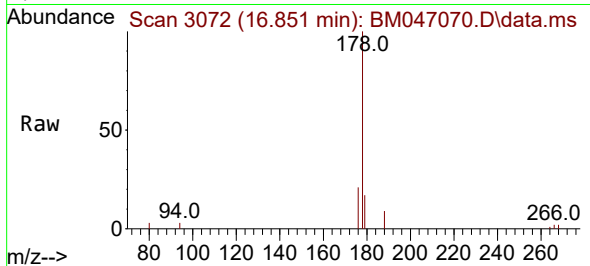




#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 16.851 min Scan# 3060
Delta R.T. 0.004 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

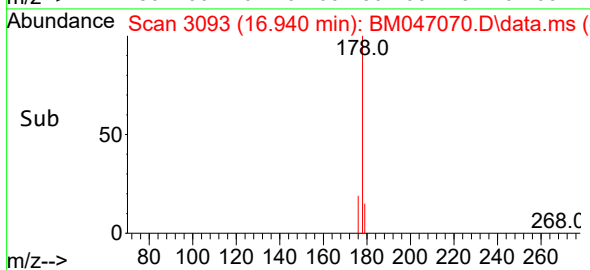
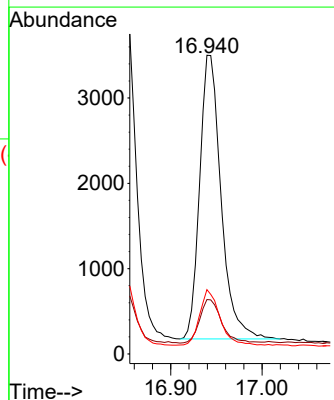
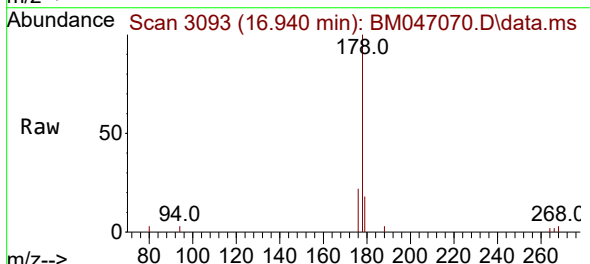
Instrument :
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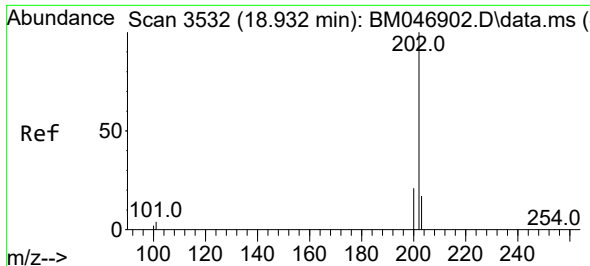
Tgt Ion:178 Resp: 6384
Ion Ratio Lower Upper
178 100
179 17.4 12.7 19.1
176 21.0 15.7 23.5



#16
Anthracene
Concen: 0.097 ng/ul
RT: 16.940 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

Tgt Ion:178 Resp: 5442
Ion Ratio Lower Upper
178 100
179 18.2 12.7 19.1
176 21.5 15.2 22.8

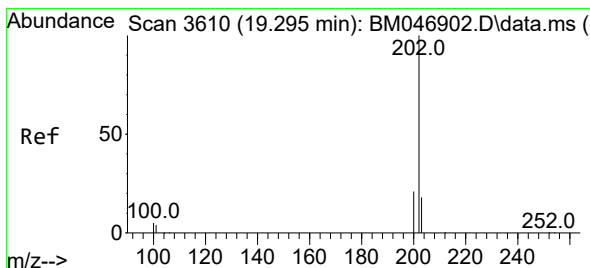
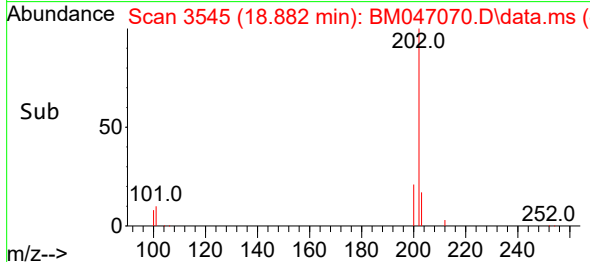
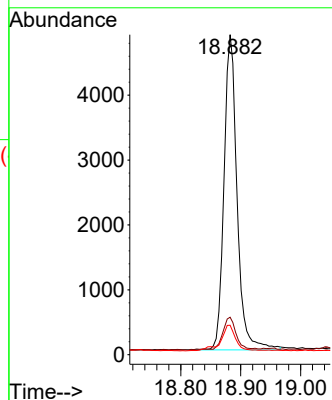
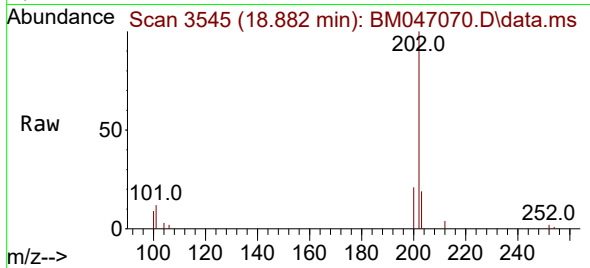




#19
Fluoranthene
Concen: 0.101 ng/ul
RT: 18.882 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

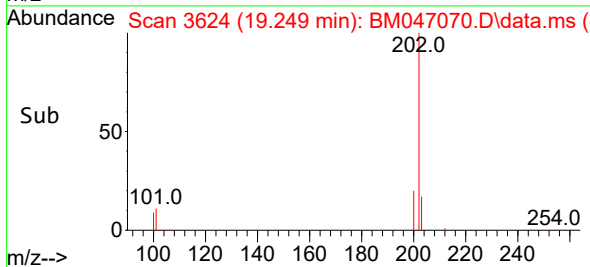
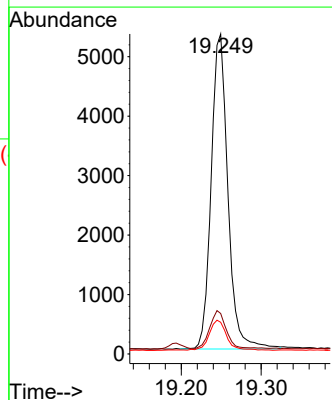
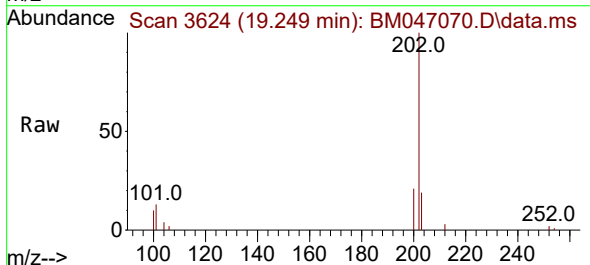
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

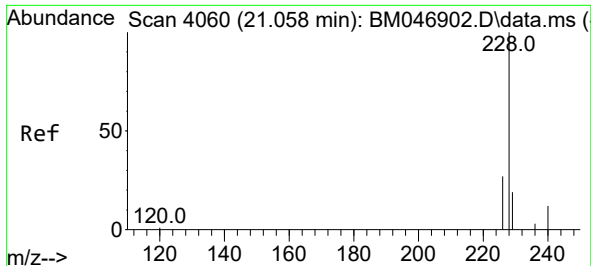
Tgt Ion:202 Resp: 7370
Ion Ratio Lower Upper
202 100
101 11.7 8.2 12.2
100 9.2 6.0 9.0#



#20
Pyrene
Concen: 0.102 ng/ul
RT: 19.249 min Scan# 3624
Delta R.T. 0.005 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

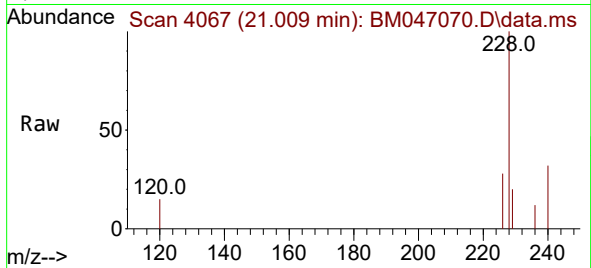
Tgt Ion:202 Resp: 7686
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 9.9 8.0 12.0



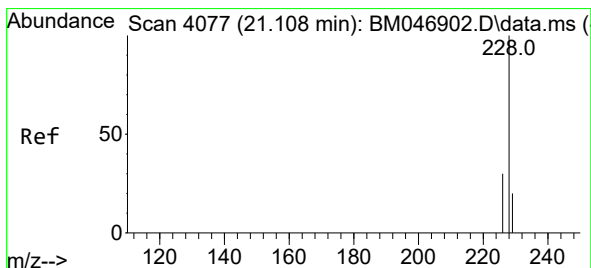
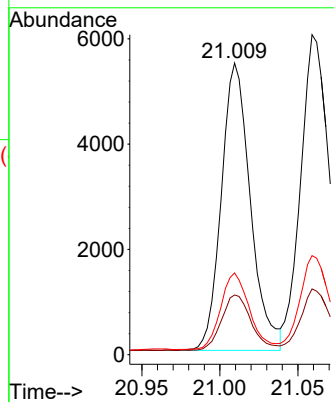
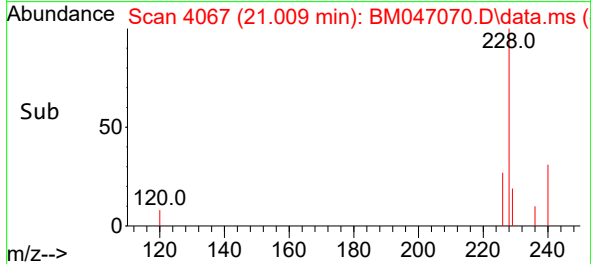


#21
Benzo(a)anthracene
Concen: 0.102 ng/ul
RT: 21.009 min Scan# 4067
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

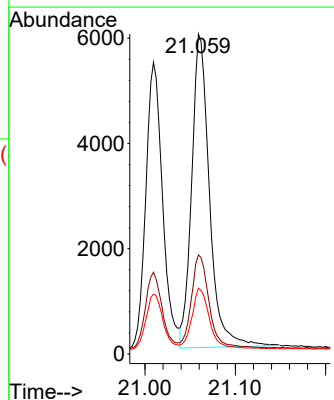
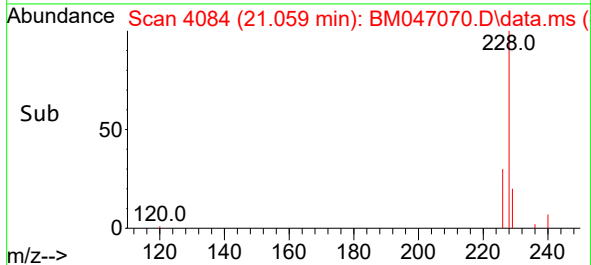
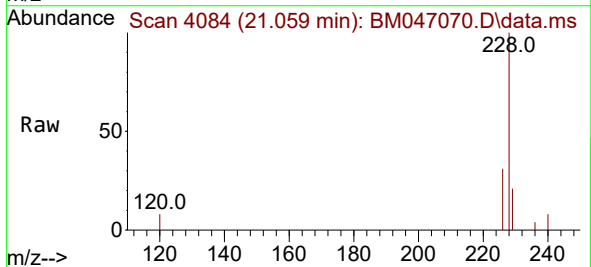


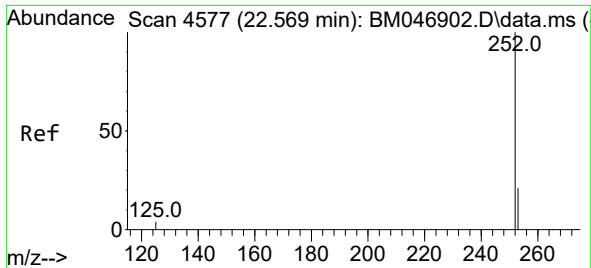
Tgt Ion:228 Resp: 7083
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.116 ng/ul
RT: 21.059 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

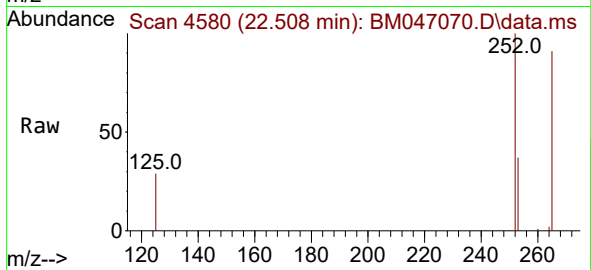
Tgt Ion:228 Resp: 8132
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 20.6 15.7 23.5



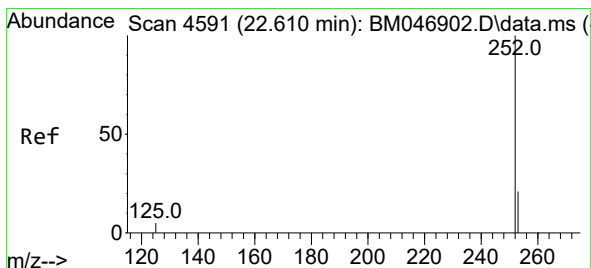
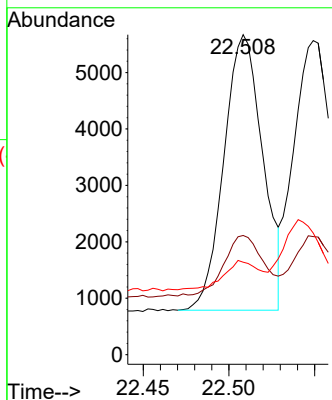


#24
Benzo(b)fluoranthene
Concen: 0.107 ng/ul
RT: 22.508 min Scan# 4580
Delta R.T. 0.003 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

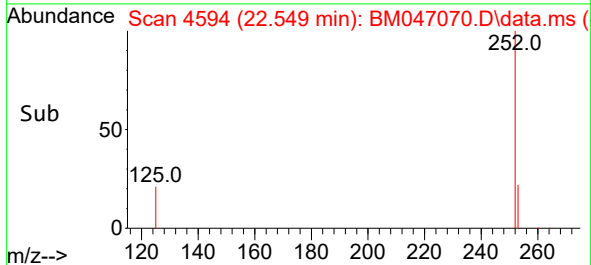
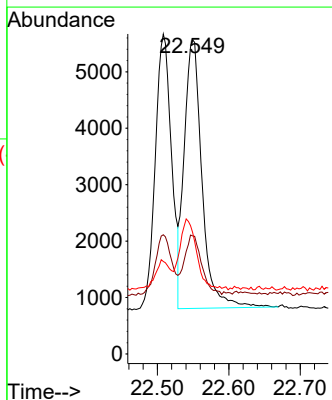
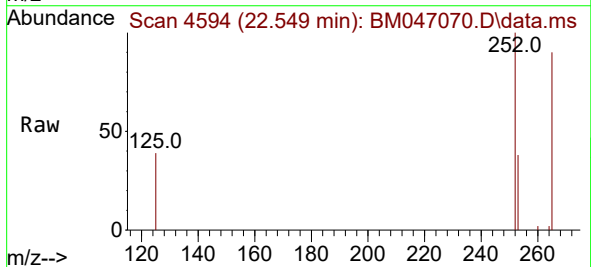


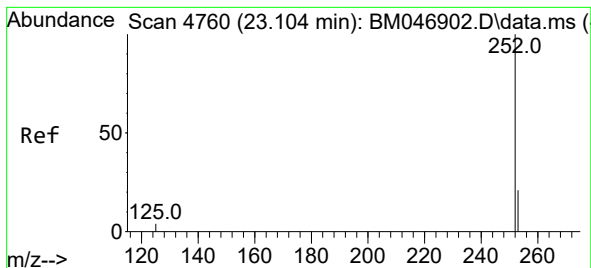
Tgt Ion:252 Resp: 7724
Ion Ratio Lower Upper
252 100
253 37.3 0.0 53.4
125 28.9 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.113 ng/ul
RT: 22.549 min Scan# 4594
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

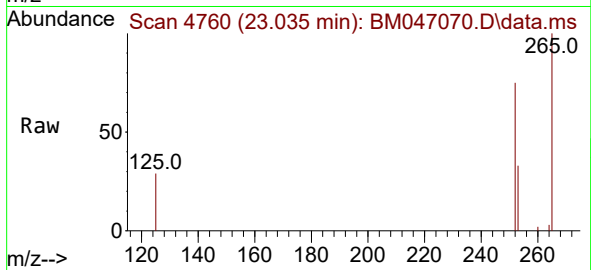
Tgt Ion:252 Resp: 8243
Ion Ratio Lower Upper
252 100
253 37.6 21.1 31.7#
125 38.7 13.2 19.8#



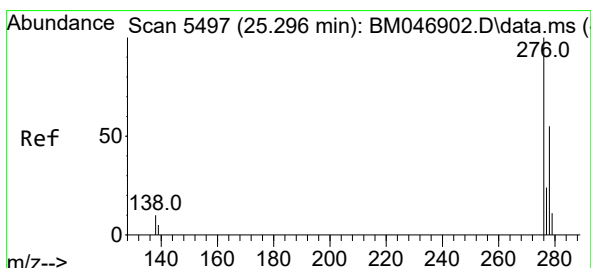
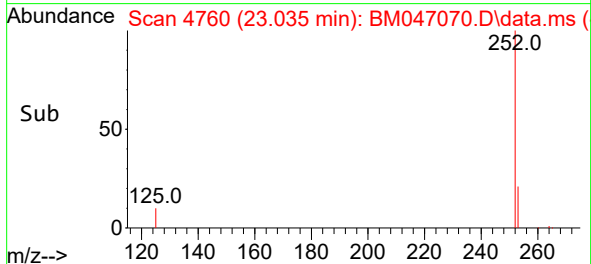
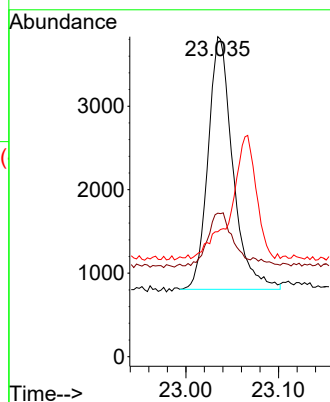


#26
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.035 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

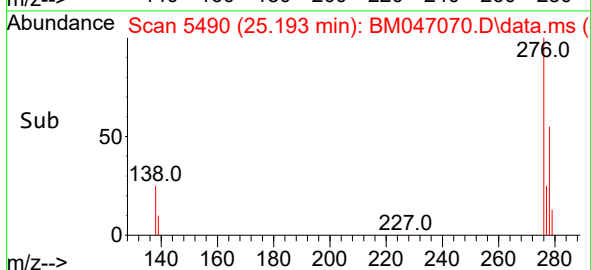
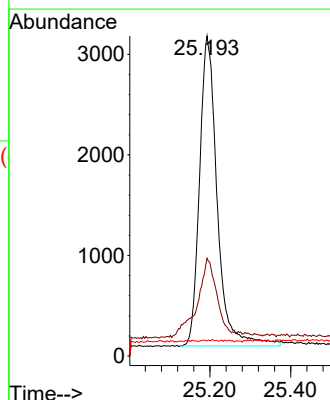
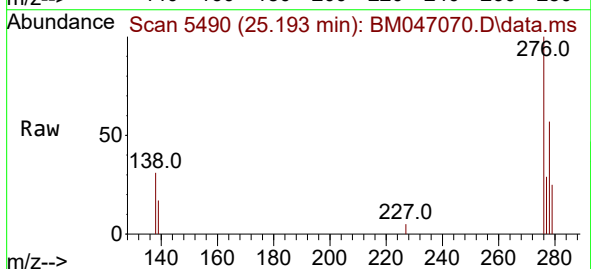


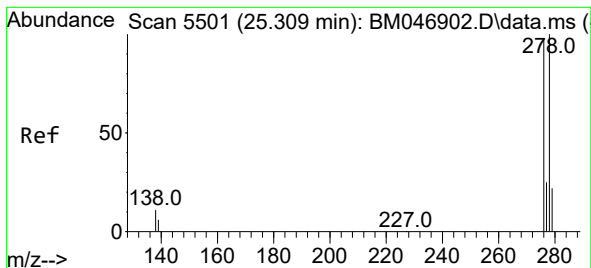
Tgt Ion:252 Resp: 5601
Ion Ratio Lower Upper
252 100
253 44.8 23.6 35.4#
125 39.1 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.117 ng/ul
RT: 25.193 min Scan# 5490
Delta R.T. 0.000 min
Lab File: BM047070.D
Acq: 08 Aug 2024 00:49

Tgt Ion:276 Resp: 9337
Ion Ratio Lower Upper
276 100
138 28.7 20.1 30.1
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.125 ng/ul

RT: 25.206 min Scan# 5494

Delta R.T. -0.003 min

Lab File: BM047070.D

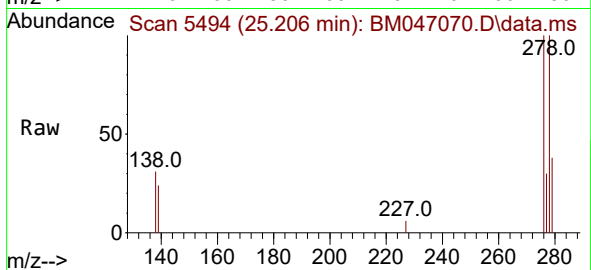
Acq: 08 Aug 2024 00:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001



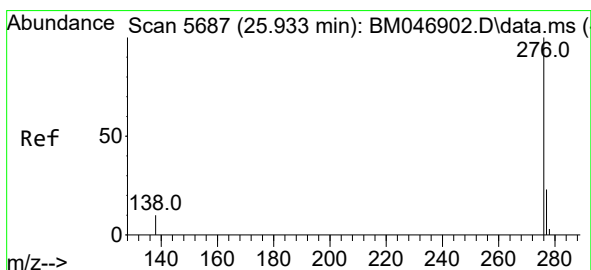
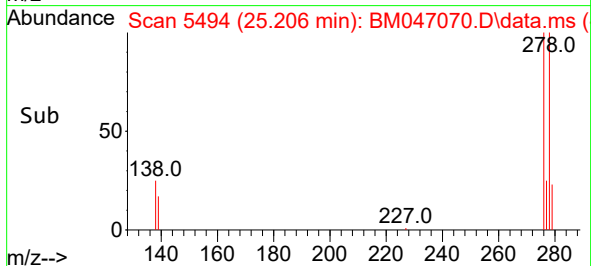
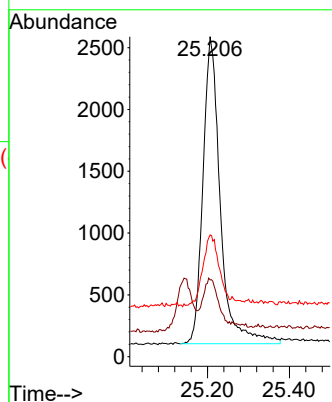
Tgt Ion:278 Resp: 7297

Ion Ratio Lower Upper

278 100

139 24.0 14.6 21.8#

279 38.0 22.1 33.1#



#29

Benzo(g,h,i)perylene

Concen: 0.111 ng/ul

RT: 25.823 min Scan# 5678

Delta R.T. 0.003 min

Lab File: BM047070.D

Acq: 08 Aug 2024 00:49

Tgt Ion:276 Resp: 7807

Ion Ratio Lower Upper

276 100

138 28.1 18.7 28.1#

277 28.1 19.6 29.4

